

QUESTIONS AND ANSWERS FOR SOLICITATION DE-IB75-06SW57494

001	Q	What additional power requirements, if any, are needed at each of the tower installation sites? If additional power is needed, do you know the loads?
	A	The only electrical load resulting from the specified work is for the tower lighting to be supplied from the existing AC panel board in each of the respective, existing radio buildings as specified in Section 4.12.4.3.
002	Q	I have reviewed the bid documents & am unable to find any detail sheets for Attachment 3. The PCS Platform. There are numerous reference numbers on the drawing but no details. The detail information regarding this platform is critical to being able to properly design the towers. Would you please forward or post the platform details as soon as they are available
	A	The present specification requires an adequate flange to be welded to the top of each tower leg of the Henryetta and Weleetka towers, to accommodate the specified antenna and platform loads with appropriate factors of safety, but does not specifically constrain the tower supplier as to what the face width must be at the top of each tower. A future PCS platform would be designed to match the face width of the top of the respective tower.
003	Q	Although construction/installation of the PCS platform is not a requirement of this contract, the future design specifications of the platform, (i.e., dimensions/weight, etc.) will affect the design requirements of the towers themselves. Can additional information on the platforms be provided?
	A	Refer to answer to question no. 2. For analysis purposes, assume that the following materials would be used in construction of the future 5' high platform, with reference to the typical drawing shown in the Appendix: (a) Platform Leg: SR 3" (b) Platform Floor Framing: C 6 x 8.2 (c) Platform Floor: floor grating (d) Top and Bottom Handrails: L 2 x 2 x 1/4 (e) Handrail Posts: L 3 1/2 x 3 1/2 x 1/4
004	Q	Page 34 of 75, paragraph 4.3.1.1.1 states "90 mph wind with no ice, per ANSI/TIA-222-G-2005 ", and page 35 of 75, paragraph 4.3.1.1.2 states "40 mph wind with 1 inch radial ice per ANSI/TIA-222-G-2005 ". As per TIA-G please identify the classification of the structure and the exposure and topographic categories.
	A	1. Classification of Structures: Class II 2. Exposure Category: Exposure C 3. Topographic Category: Category 1
005	Q	Drawing numbers RS51-C8301, RS33-C8301 and RS19-C8301 state in the notes that the geotechnical report is available from COTR. These documents were not available when the bid documents and drawings were downloaded. Are these reports available yet?
	A	Yes.

006	Q	Are soil reports available for these sites?
	A	Yes
007	Q	Section 4.3.1.2.1 - Henryetta Radio Station -- The spec calls for future design loading of 1 ea cellular array and 1 ea 15' HP dish at the tower top. Please clarify; it is not possible to design both at the same tower elevation.
	A	Henryetta Radio Station: for design loading purposes, assume: 1. At elevation 182.5', 15 each, 5.5' x 6.2" panel antennas, 2. At elevation 180', 2 each, 15' HP antennas, and 3. All of the other loads and stipulations of the specifications and specifically, 4.3.1.2.1.
008	Q	Section 4.3.1.2.1 - Henryetta Radio Station -- In notes item 3, you indicate pipe mounts are to be located at 20' below each dish location. Please clarify the devise intended to be loaded on these mounts for tower design purposes.
	A	Standard antenna pipe mounts are required. For tower analysis purposes the loads are to be applied at the elevations shown in the respective tables. However, the pipe mounts with appropriate stiffarm supports, as necessary, are to be designed and installed at the elevations indicated in note no. 3 of the respective tables.
009	Q	Must we maintain ALLOWABLE WORK HOURS form 7:00 to 5:30 Monday - Friday?
	A	These are allowable but not required work hours.
010	Q	Do we have to install a locked construction fence around each site? When we remove the existing, your site will not be secure until the new fence is installed.
	A	Yes.
011	Q	Can you provide the design specifications for the PCS Platform, including the mounting flange data?
	A	Refer to the typical PCS platform elevation drawing provided and the answers to questions nos. 002 and 003.
012	Q	"5.2 Cable Ladders? Electrically bond ladders to the ground bus of the new bulkhead panel using 2/0 stranded copper. Mechanical lug?"
	A	Mechanical grounding connectors are acceptable.
013	Q	Please confirm the dimensions of the (future) PCS platforms for Henryetta & Weleetka, detailed in attachment 3. Based on the information provided in the drawing it appears that the face width at the top of both towers is to be 20'. Is this correct & is there a preferred face width for the tower at Bald Hill?
	A	The typical elevation view of a PCS platform provided is not intended to define a face width at the top of the tower. Refer to the answer to question no. 002.

014	Q	Do you have any specs on the proposed loading for each of these towers that we could provide to our engineer? (number/size of antennas, coax, locations/heights, etc) What are you're loading requirements besides the antennas? (ex. 1/2" radial ice - 80 or 100 mph winds, etc)
	A	Refer to Section 4 of the specifications.
015	Q	Do you want a sectored frame based on the "PCS Platform" diagram you provided? (Three sided)
	A	The PCS platform would be a future item, as per the typical drawing provided.
016	Q	Please explain "bulkhead panel". Do these existing shelters need entry ports?
	A	The specific bulkhead panels called for in Section 5.3 of the specifications define what is required.